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- (71) Applicant (for all designated States except US): **APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.**
[NL/—]; Pietermaai 15, Curacao (AN).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PROUDFOOT, Amanda** [CH/FR]; Sous Chens, F-74140 Chens Sur Leman (FR). **SHAW, Jeffrey** [IT/CH]; Chemin Thury 10, CH-1206 Geneva (CH). **JOHNSON, Zoe** [GB/CH]; Rue du 1er Juin 6, CH-1207 Geneva (CH).
- (74) Agent: **SERONO INTERNATIONAL S.A. INTELLECTUAL PROPERTY**; 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).
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(54) Title: THERAPEUTIC USES OF CHEMOKINE VARIANTS

(57) Abstract: Variants of homodimer-forming chemokines, such as human CCL2, having a single amino acid substitution in the dimerization interface that alters the pattern of hydrogen bonds and acting as an obligate monomer, can antagonize natural chemokines and have anti-inflammatory activity *in vivo*. These variants can be used as active ingredient in pharmaceutical compositions for the treatment of inflammatory, autoimmune, or infectious diseases.

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